

1   tgagggcgcc atgaggagcc tgtgtgcgcc ccactcctg ctctcttgc tgctgccgcc  
61   gctgtgctc acgccccgcg ctggggacgc cgccgtgac accggggctt gtgacaagga  
121   ctcccaatgt ggtggaggca tgtgtgtgc tgtcagtatc tgggtcaaga gcataaggat  
181   ttgcacacct atgggcaaac tgggagacag ctgccatcca ctgactcgta aaaacaattt  
241   tggaaatgga aggcaggaaa gaagaaagag gaagagaagc aaaaggaaaa aggaggttcc  
301   atTTTTTggg cggaggatgc atcacacttg ccattgtctg ccaggcttgg cctgtttacg  
361   gacttcattt aaccgattta ttgttttagc ccaaaagtaa tcgctctgga gtagaaacca  
421   aatgtga

## FIGURE 1

MRS LCCAP LLLLLL PPLLLTPRAGDAAVITGACDKDSQCGGMCCA VSIWKSIRICT  
PMGKLGD SCHPLTRKNFNGRQERRKRKSKKEVFFGRRMHHTCPCPLGLACLRT  
SFNRFICLAQ

## FIGURE 2

1   tgagggcgcc atgaggagcc tgtgctgcg ccactcctg ctctcttgc tgctgccgcc  
61   gagggcgcca tgaggagcct gtgctgcgcc ccactcctgc tcctcttgc tctgccgccg  
121   ctgctgctca cgccccgcgc tggggacgcc gccgtgatca ccggggcttg tgacaaggac  
181   tcccaatgtg gtggaggcat gtgctgtgct gtcagtatct gggtaagag cataaggatt  
241   tgcacaccta tgggcaact gggagacagc tgccatccac tgactcgtaa agttccattt  
301   tttgggcgga ggatgcatca cacttgcca tgtctgccag gcttggcctg tttacggact  
361   tcatttaacc gatttatttg tttagcccaa aagtaatcgc tctggagtag aaaccaaagt  
421   tga

FIGURE 3

MRLCCAPLLLLLLLLPPLLLTPRAGDAAVITGACDKDSQCGGGMCCAVSIWKSIRICT  
PMGKLGDSCHPLTRKVPFFGRRMHHTCPCLPGLACLRTSFNRFICLAQK

**FIGURE 4**

```

1  cgacgcgtg ggcgtccct aaccgccacc gcgtccccg gacgcatgg gggacccgcg
61  ctgtgccccg ctactgctac ttctgtgct accgtgctg ttacaccgc ccgcccggga
121  tgccgcggtc atcacccggg cttgcgacaa ggactctcag tgcggaggag gcatgtgctg
181  tgctgtcagt atctgggtta agagcataag gatctgcaca cctatgggcc aagtgggcga
241  cagctgccac cccctgactc ggaagttcc atttggggg cggaggatgc accacacctg
301  cccctgcctg ccaggcttgg cgtgtttaag gacttcttc aaccggttta ttgcttggc
361  ccggaatatga tcaactctgaa gtaggaactt gaaatgcgac cctccgctgc acaatgtccg
421  tcgagtctca cttgtaattg tggcaaacaa agaatactcc agaaagaaat gtctcccc
481  ttccctgact ttccaagtaa cgtttctatc tttgattttt gaagtggctt tttttttttt
541  ttttttttcc ttcccttgaa ggaagtttt gatttttgga gagattata gaggactttc
601  tgacatggct tctcatttcc ctgtttatgt ttgacctga catttttgaa tgccaataac
661  aactgttttc acaaatagga gaataagagg gaacaatctg ttgcagaaac ttccctttgc
721  cctttgcccc actcgcccc cccgccccg cccgccccg cccatgcgca gacagacaca
781  cccttactct tcaaagactc tgatgatcct caccttactg tagcattgtg ggtttctaca
841  ctcccccgcc ttgctggtgg acccactgag gaggctcaga gagctagcac tgtacagggt
901  tgaaccagat cccccaagca gctcatttgg ggcagacgtt gggagcgctc caggaaacttt
961  cctgcaccca tctggccac tggctttcag ttctgctgtt taactgggtg gaggacaaaa
1021  ttaacggggac cctgaaggaa cctggccccg ttatctagat ttgtttaagt aaaagacatt
1081  ttctccttgt tgtggaatat tacatgtctt tttcttttt atctgaagct tttttttttt
1141  ttctttaagt cttcttgttg gagacatttt aaagaacgcc actcgaggaa gcattgattt
1201  tcatytgga tgacaggagt catcatttta aaaaatcgggt gttaagttat aatttaaaact
1261  ttatttggtaa cccaaaggty taatgtaaat ggatttcctg atatcctgcc atttgtactg
1321  gtatcaatat ttytatgt

```

FIGURE 5

MGDPRCAPLLLLLLPPLFFTPAGDAAVITGACDKDSQCGGMCCAVSIWVKSIRICTP  
MGQVGDSCHPLTRKVPFWGRRMHHTCPCLPGLACLRTSFNRFICLARK

**FIGURE 6**

<b>Human BV8</b>	10	20	30	40	50
<b>Mouse BV8</b>	MRSLCCAPLLLLLLLLPPLLLTPPRAGDAAVITGACDKDSQCGGMC <del>CAVSI</del> MGDPRCAPLLLLLLLLPPLLLFTTPRAGDAAVITGACDKDSQCGGMC <del>CAVSI</del>				
<b>Human BV8</b>	60	70	80	90	100
<b>Mouse BV8</b>	WVKSIRICTPMGKLGDSCHPLTRKNNFGNGRQERRRKR <del>RSKRKE</del> VPFF-G WVKSIRICTPMGQVGDSCCHPLTRKSHVANGRQERRRAKRR <del>KRKE</del> VVPFWG				
<b>Human BV8</b>	110	120	129		
<b>Mouse BV8</b>	RRMHHTCPCLPGLACLR <del>TSFNRFICLAQK</del> RRMHHTCPCLPGLACLR <del>TSFNRFICLARK</del>				

**FIGURE 7**

```

1  tggcctcccc agcttgccag gcacaaggct gagcgggagg aagcgagagg catctaagca ggcagtgttt
71  tgccttcacc ccaagtgacc atgagagggtg ccacgcgagt ctcaatcatg ctctctctag taactgtgtc
141  tgactgtgct gtgatcacag gggcctgtga gcgggatgtc cagtgtgggg caggcacctg ctgtgccatc
211  agcctgtggc ttcgaggggt gcggatgtgc accccgctgg ggcgggaagg cgaggagtgc caccocggca
281  gccacaaggc ccccttcttc aggaacgca agcaccacac ctgtccttgc ttgcccacac tgctgtgtctc
351  caggttcccg gacggcaggc accgtgtctc catggacttg aagaacatca atttttaggc gcttgccctgg
421  tctcaggata ccaccatcc ttttcctgag cacagcctgg atttttattt ctgccatgaa acccagctcc
491  catgactctc ccagtcccta cactgactac cctgactctc cttgtctagt acgcacatat gcacacaggc
561  agacatacct cccatcatga catggtcccc aggcctggcct gaggatgtca cagcttgagg ctgtggtgtg
631  aaaggtggcc agcctgttct tcttcctgc tcaggctgcc agagaggtgg taaatggcag aaaggacatt
701  cccctcccc tccccagggt acctgtctct tttcctgggc cctgccccct tccccacatg tatccctcgg
771  tctgaattag acattcctgg gcacaggctc ttgggtgcat tgctcagagt ccaggtcctt ggcctgaccc
841  tcaggccctt cacgtgaggt ctgtgaggac caatttgttg gtagttcatc ttccctcgat tggttaactc
911  cttagtttca gaccacagac tcaagattgg ctcttcccag agggcagcag acagtcaccc caaggcaggt
981  gtagggagcc cagggaggcc aatcagcccc ctgaagactc tggctccagt cagcctgttg ctgttgccct
1051  gtgacctgtg accttctgcc agaattgtca tgcctctgag gccccctctt accacacttt accagttaac
1121  cactgaagcc cccaattccc acagcttttc cattaaaatg caaatggtgg tggttcaatc taatctgata
1191  ttgacatatc agaaggcaat taggggtgtt ccttaaaaca ctctttcca aggatcagcc ctgagagcag
1261  gttggtgact ttgaggaggg cagtcctctg tccagattgg ggtgggagca agggacagg agcagggcag
1331  gggctgaaag gggcactgat tcagaccagg gaggcaacta cacaccaaca tgctggcttt agaataaaa
1401  caccaactga aaaa.

```

FIGURE 8



Met Arg Gly Ala Thr Arg Val Ser Ile Met Leu Leu Val Thr Val Ser  
 10  
 20  
 Asp Cys Ala Val Ile Thr Gly Ala Cys Glu Arg Asp Val Gln Cys Gly Ala  
 30  
 Gly Thr Cys Cys Ala Ile Ser Leu Trp Leu Arg Gly Leu Arg Met Cys Thr  
 40  
 50  
 Pro Leu Gly Arg Glu Gly Glu Glu Cys His Pro Gly Ser His Lys Val Pro  
 60  
 70  
 Phe Phe Arg Lys Arg Lys His His Thr Cys Pro Cys Leu Pro Asn Leu Leu  
 80  
 90  
 Cys Ser Arg Phe Pro Asp Gly Arg Tyr Arg Cys Ser Met Asp Leu Lys Asn  
 100  
 105  
 Ile Asn Phe

Figure 9

```

1   GAA GTG AGG GGT ACC AAA GTA GAC TGT GTT TGT CGT CAC CTC AAG TGA TC

51  ATG AGA GGC GCT GTG CAT ATC TTC ATC ATG CTC CTT CTA GCA ACG GCG TTC
    M R G A V H I F I M L L L A T A S

102 GAC TGT GCG GTC ATC ACA GGG GCC TGT GAA CGA GAT ATC CAG TGT GGG GCC
    D C A V I T G A C E R D I Q C G A

153 GGC ACC TGC TGC GCT ATC AGT CTG TGG CTG CGG GGC CTG CGG TTG TGT ACC
    G T C C A I S L W L R G L R L C T

204 CCA CTG GGG CGT GAA GGA GAG TGC CAC CCA GGA AGC CAC AAG ATC CCC
    P L G R E G E C H P G S H K I P

255 TTC TTG AGG AAA CGC CAA CAC CAT ACC TGT CCC TGC TCA CCC AGC CTG CTG
    F L R K R Q H H T C P C S P S L L

306 TGC TCC AGG TTC CCG GAC GGC AGG TAC CGC TGC TTC CGG GAC TTG AAG AAT
    C S R F P D G R Y R C F R D L K N

357 GCC AAC TTT TAGTTTGTCTGGACTCTGTCTGGAGCCTGACTGGGTGACCTCTTGCTTTACACCT
    A N F *

GTGTGATTTAGCTCCCTGCAACTTCGCCATTCCCATCTTGTCCGTGTATGTGCAGACAGGCAGACC
TTCCGCTATGGAATAGTTTCACAGGGTGACAGAGAGTTCGTGGCCTTGAGAAATTGGCCAGCCCG
ACCTTCCTGGCTCAGACTGCCCTGAAGTTGTGACAGTGTGGCCCTTCTCAGTTGCCCTGCCCTTCCTG
CATGTGGCTTCTTCCCTAAACACACACCTTTCTGGGCACTGGCCCATGGATGCACCACTAAATCAACA
GGTCTGTGGGTGGATGATCAACTTCTCTCCATTTTCTCTTTATTGACTGGCTTCCTAATTTAAGG
ACTGT

```

Figure 10

human	EG-VEGF	MRGATRVSIM	LLLVTVSDCA	VITGACERDV	QCGAGTCCAI	SLWLRGLRMC	50
murine	EG-VEGF	MKGAVHIFIM	LLLATASDCA	VITGACERDI	QCGAGTCCAI	SLWLRGLRLC	
human	EG-VEGF	TPLGREGEEC	HPGSHKVPFF	RKRKHHTCPC	LPNLLCSRFP	DGRYRCSMDL	100
murine	EG-VEGF	TPLGREGEEC	HPGSHKIPFL	RKRQHHTCPC	SPSLLCSRFP	DGRYRCFRDL	105

Figure 11

Human Bv8	28	AVITGACDKDSQCGGMCCAVSIWVKSIRICTPMGKLGDSCHPLTRKVPF
	20	
Human EG-VEGF		AVITGACERDVQCGAGTCCAISLWLRGLRMCTPLGREGECHPGSHKVPF
	78	
Human Bv8	108	FGRRMHTCPCLPGLACLRTSFNRFICLAQK
	70	
Human EG-VEGF	105	FRKRKHTCPCLPNLLCSRFPDGRYRCMDLKNINF

## FIGURE 12

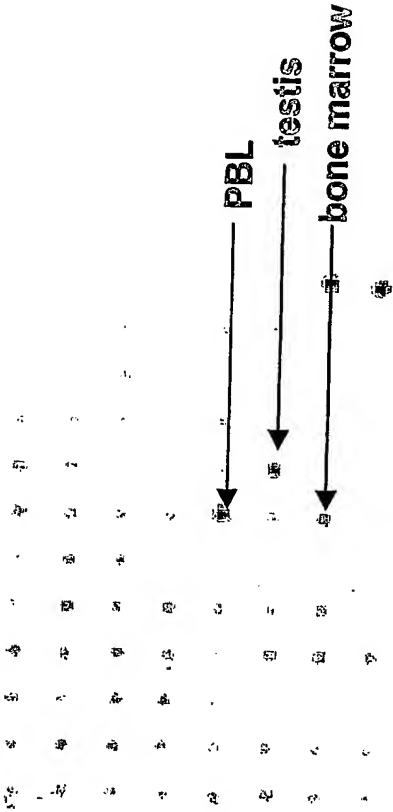


FIGURE 13

tonsillitis

appendicitis

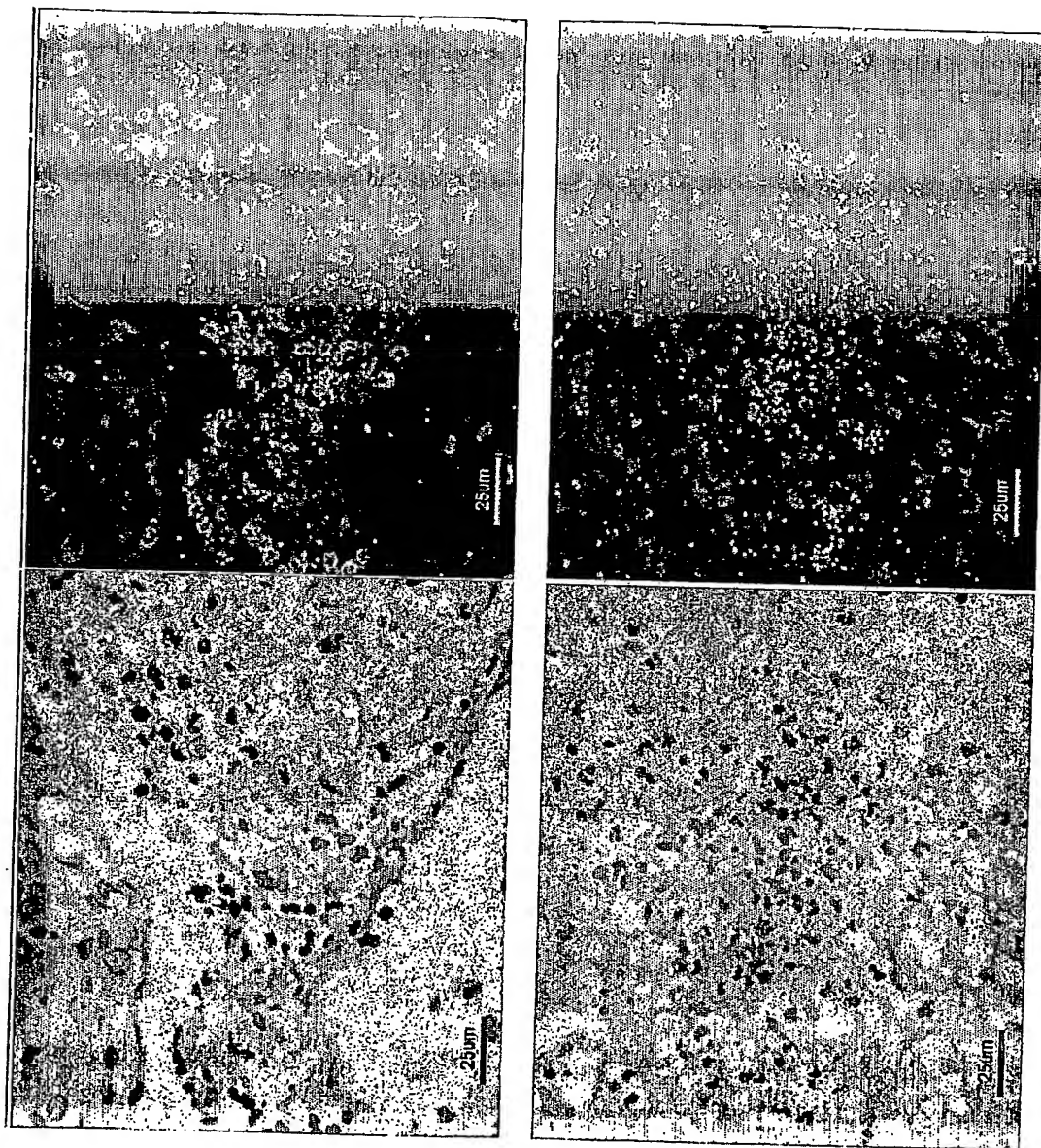


FIGURE 14

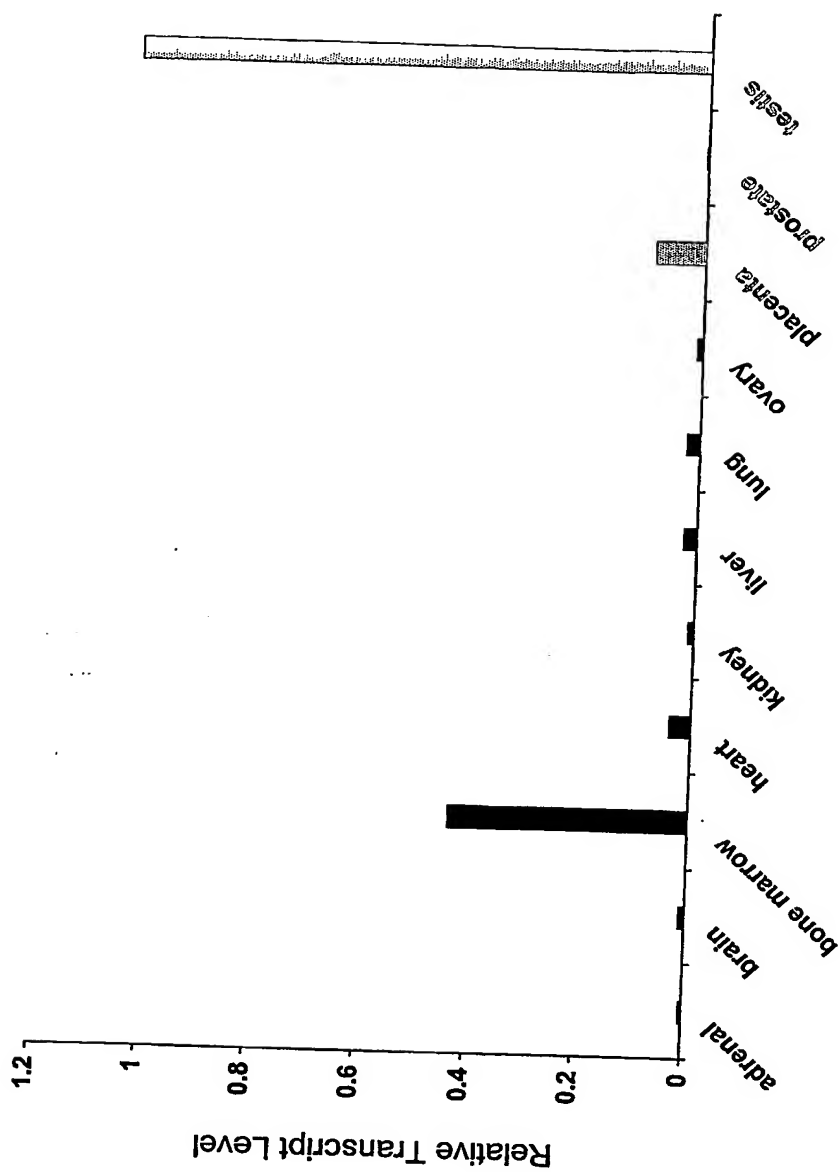


FIGURE 15A

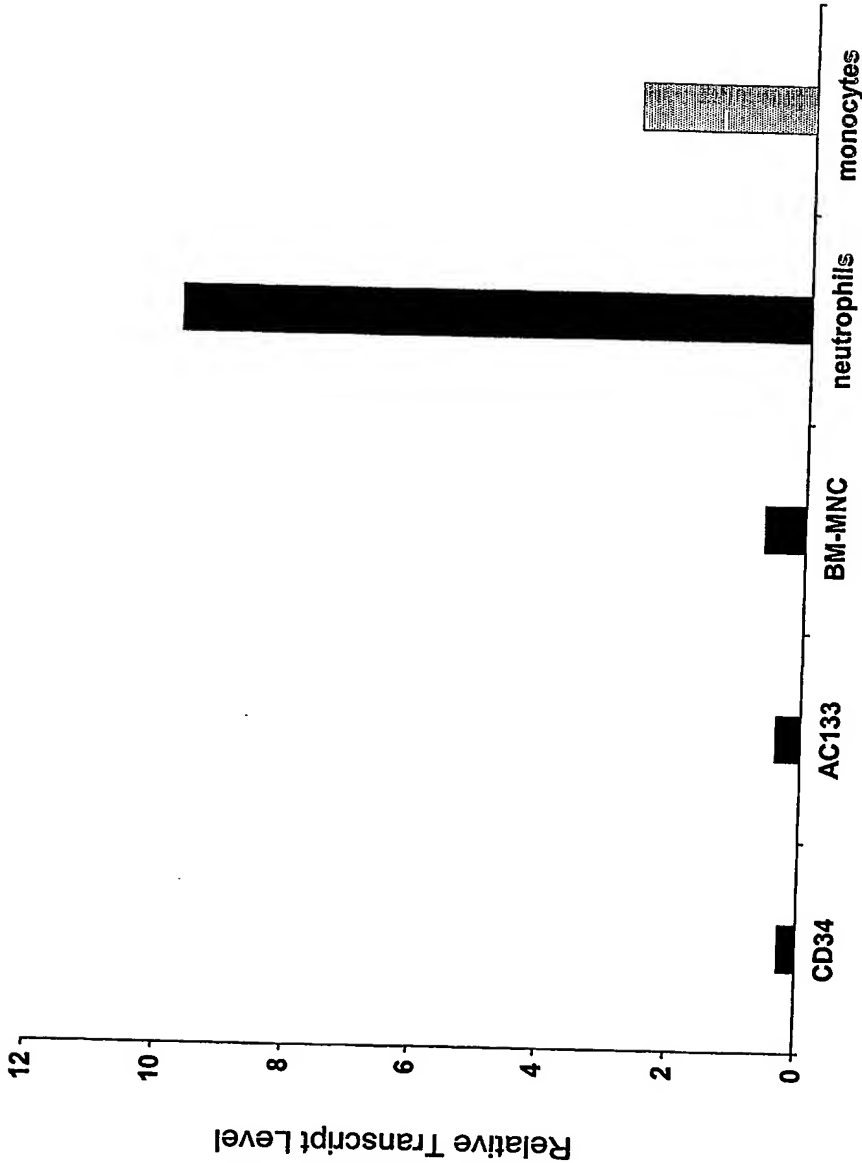
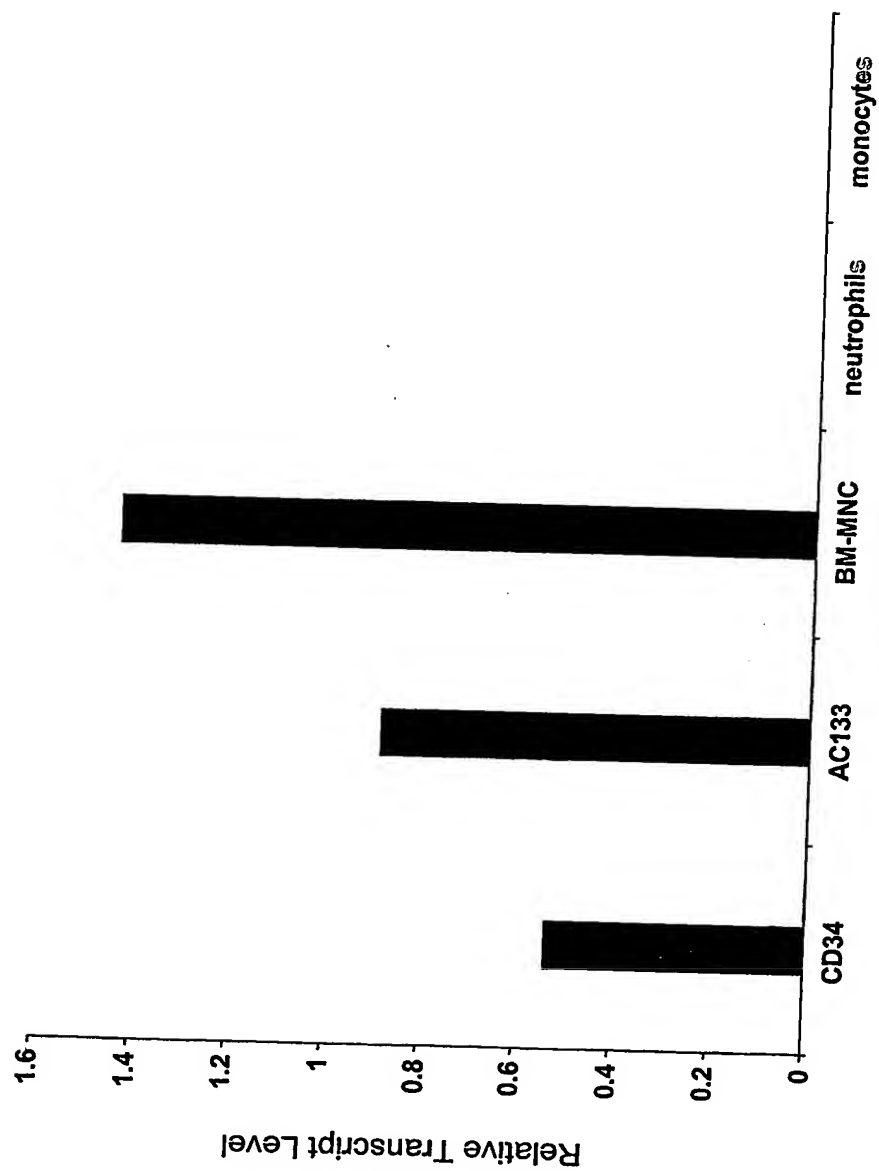
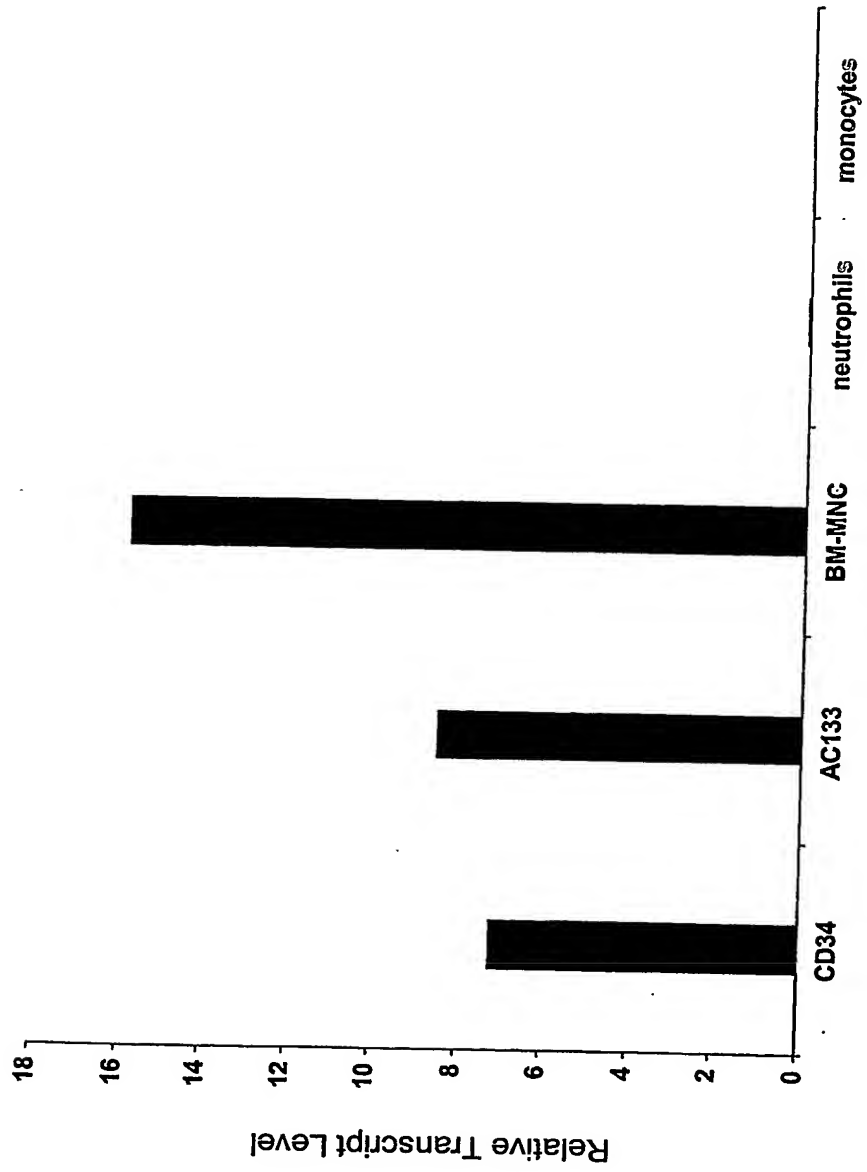


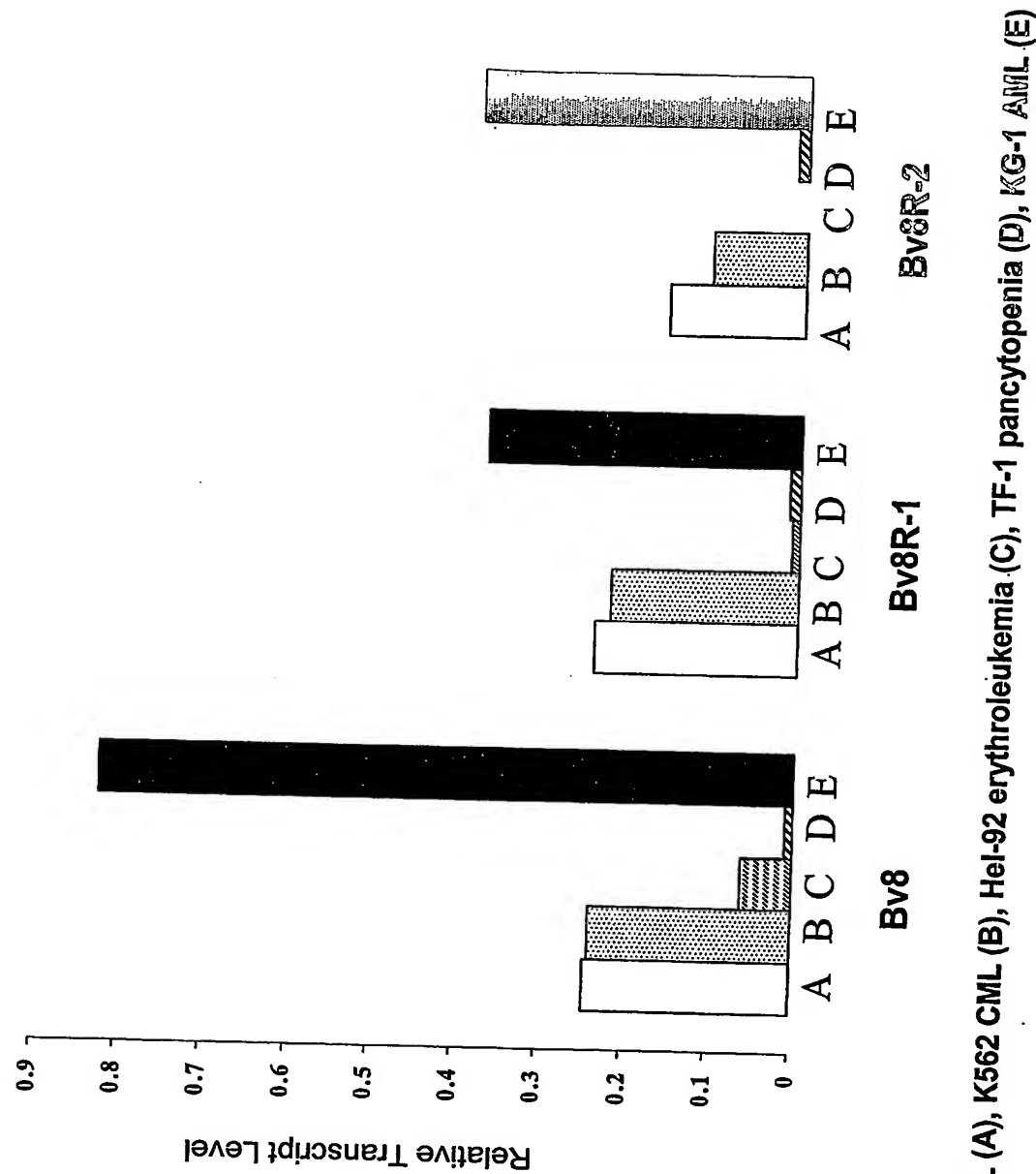
FIGURE 15B



**FIGURE 15C**



**FIGURE 15D**



HL60 CML (A), K562 CML (B), Hel-92 erythroleukemia (C), TF-1 pancytopenia (D), KG-1 AML (E)

FIGURE 16

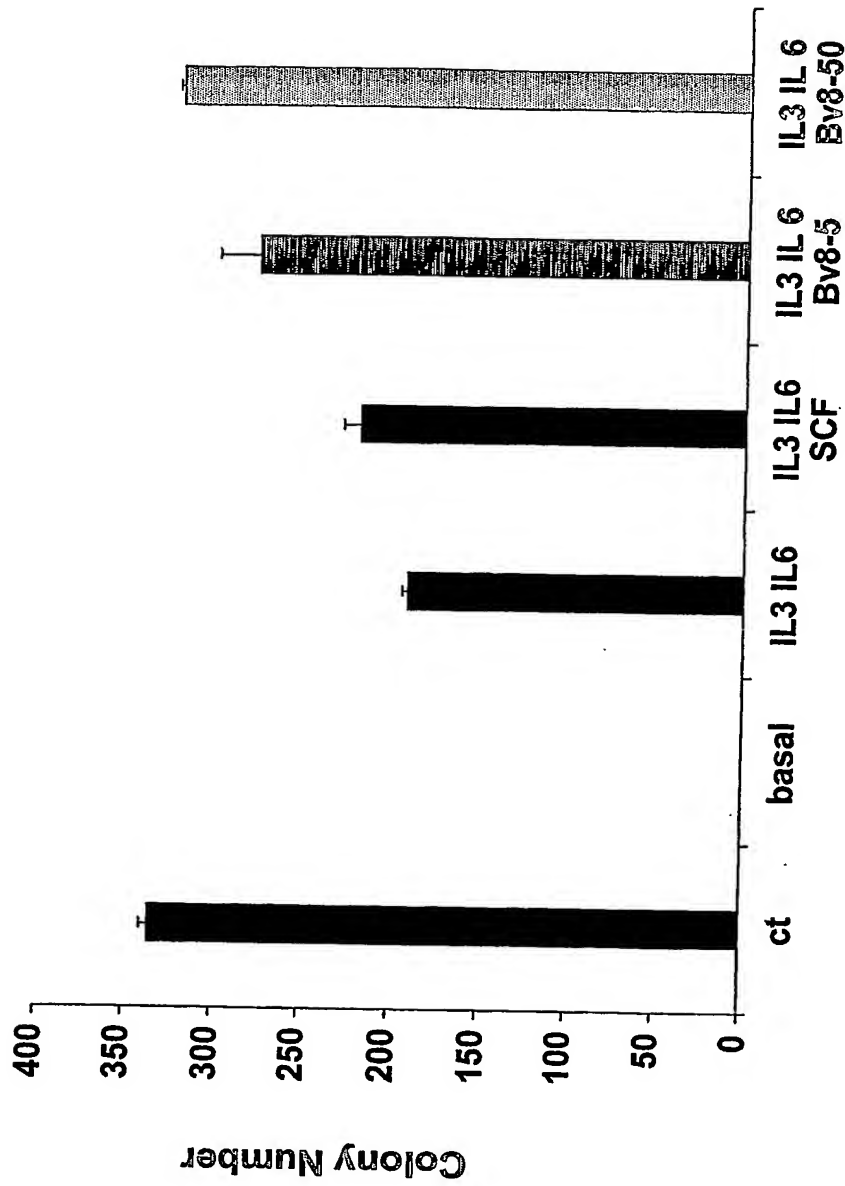


FIGURE 17A

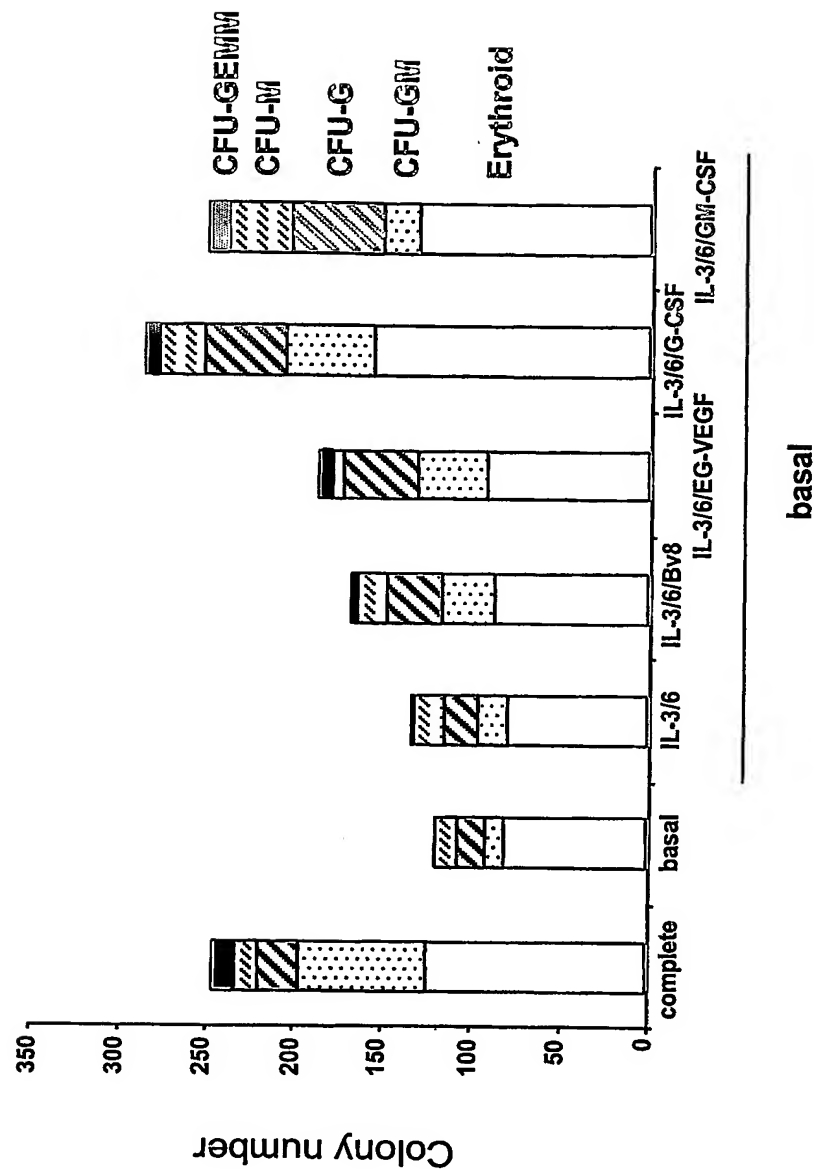


FIGURE 17B

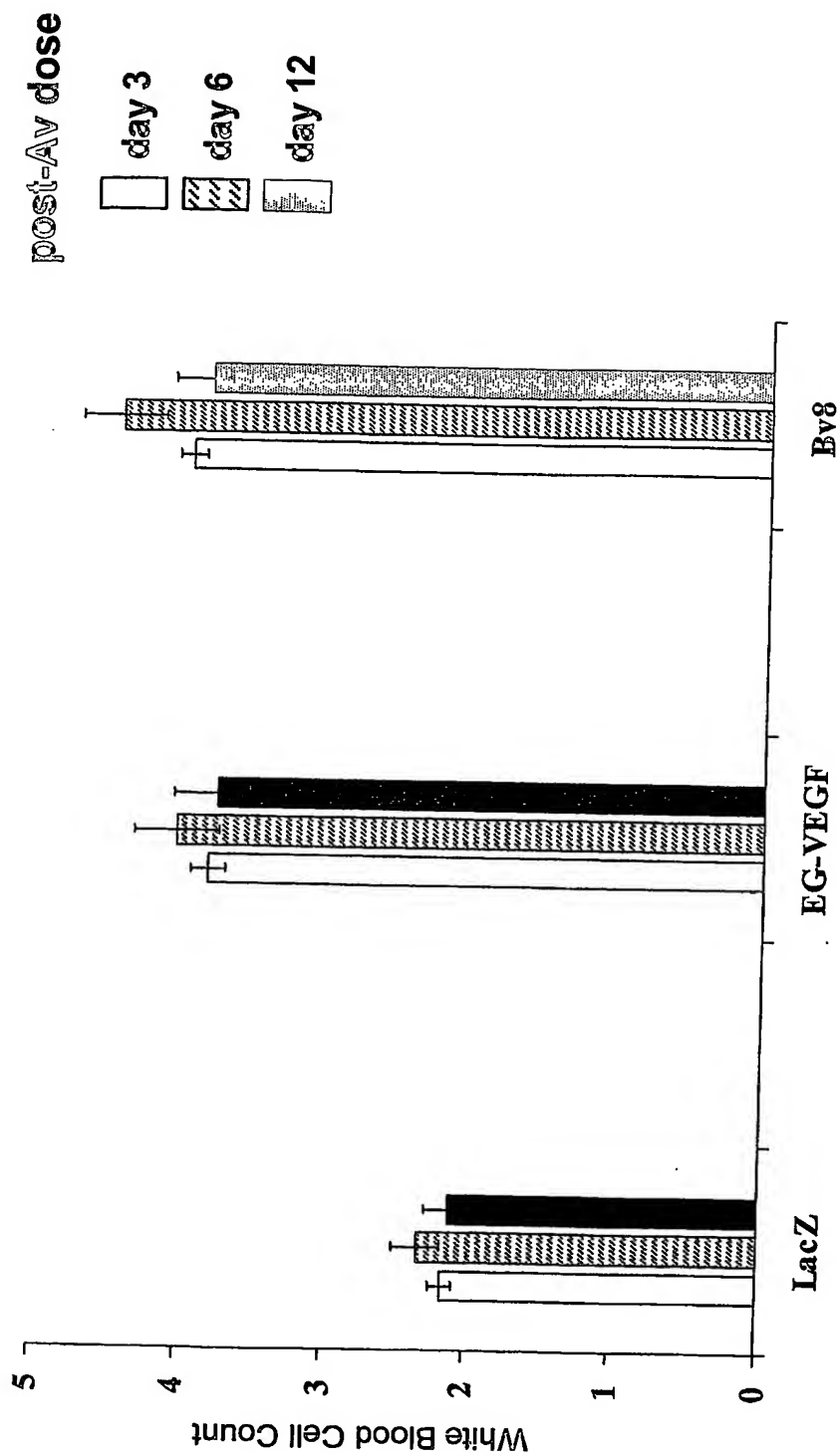


FIGURE 18

Figure 19A

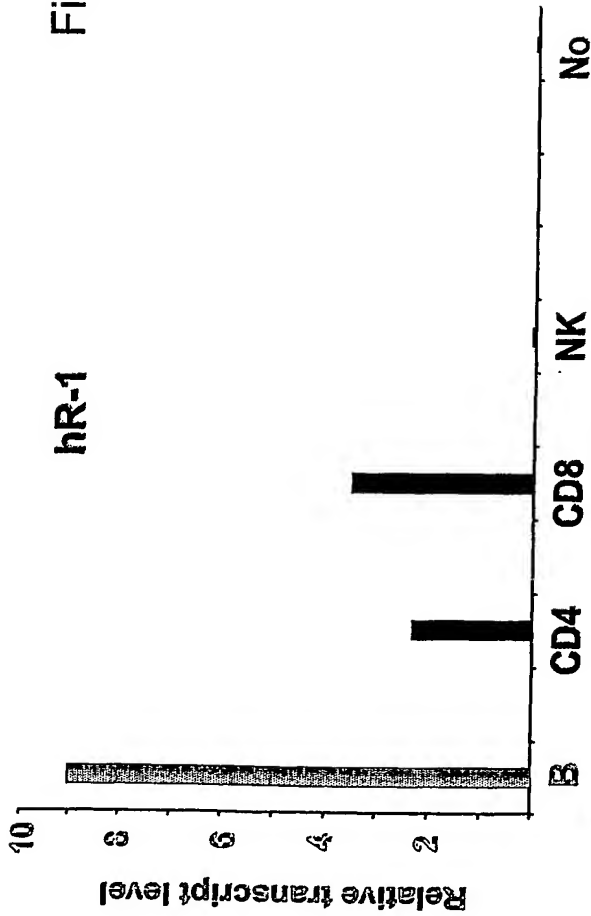


Figure 19B

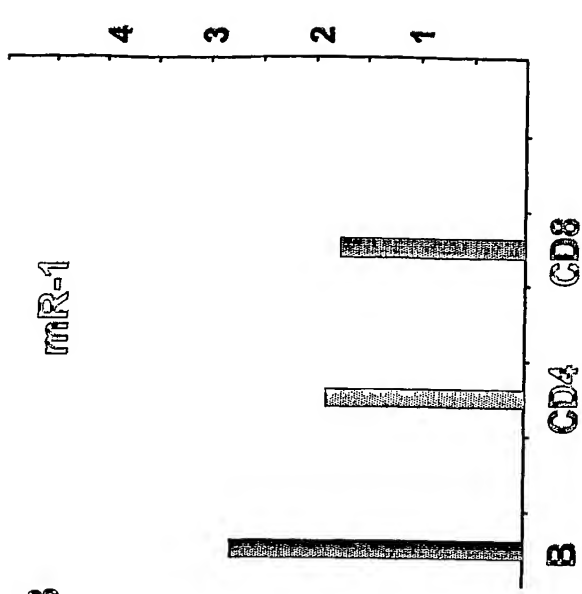


Figure 19D

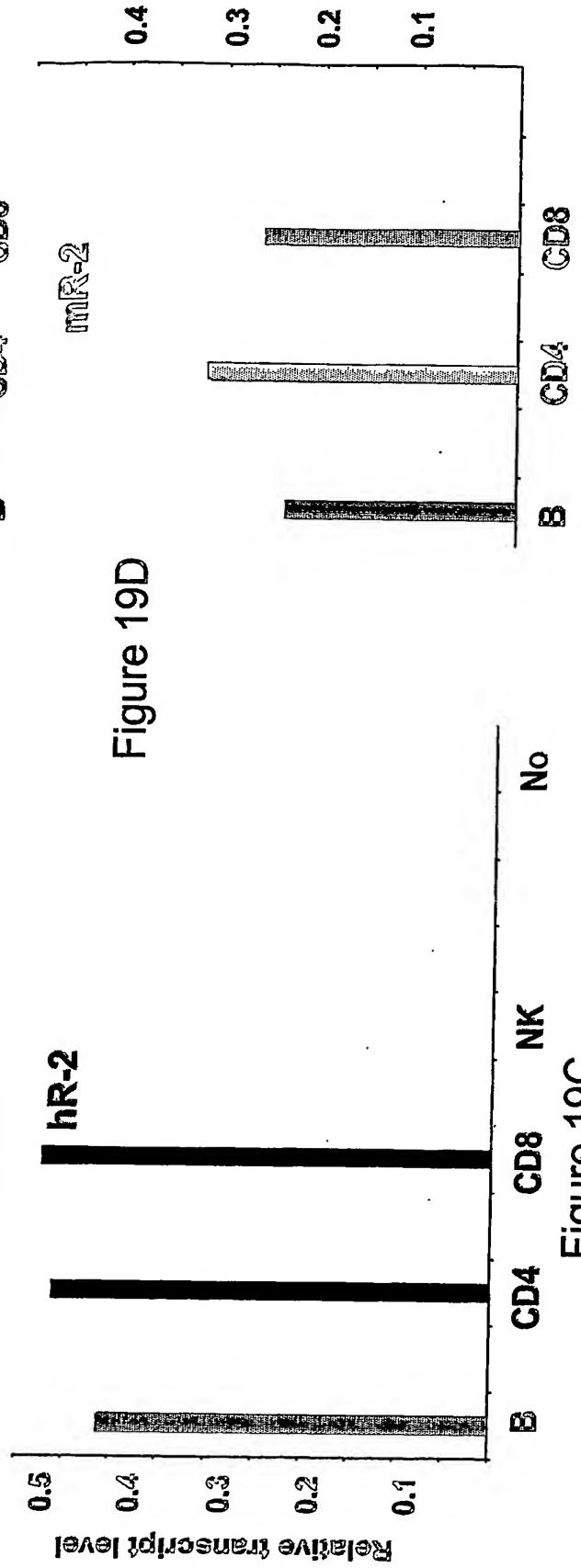
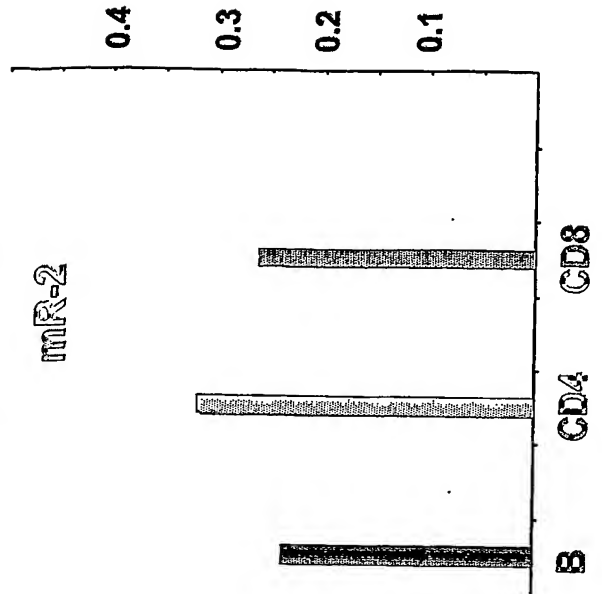
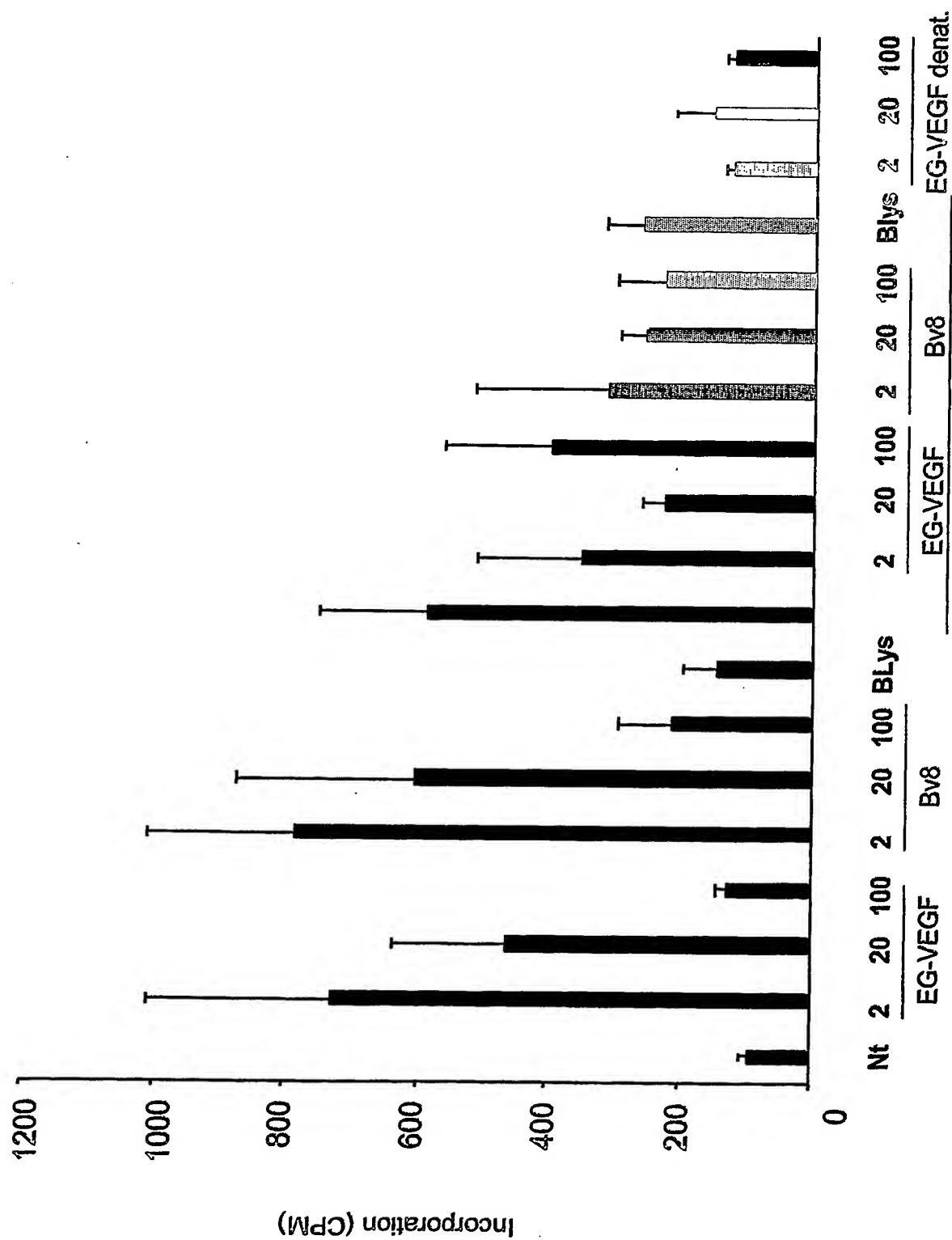


Figure 19C







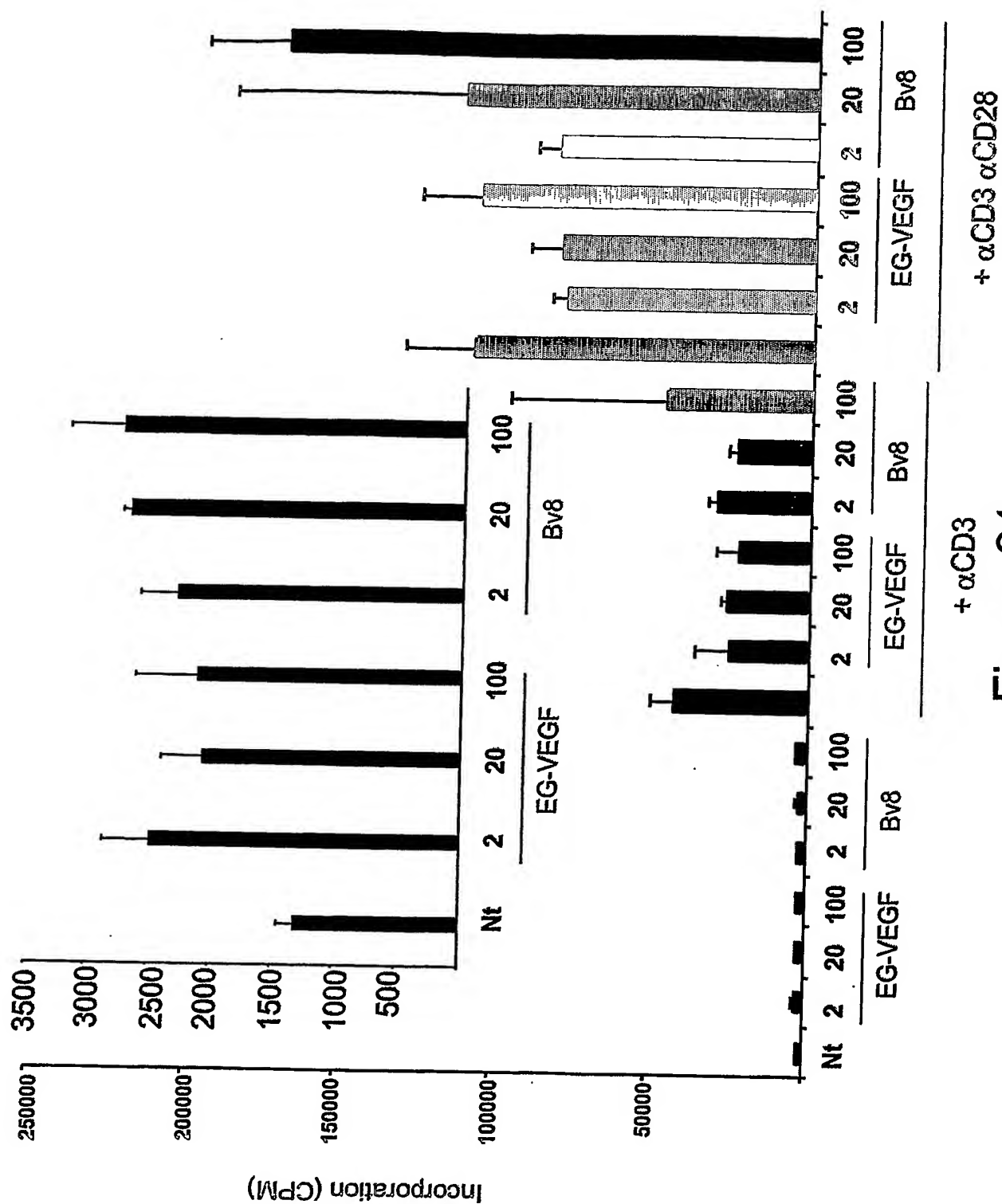


Figure 21

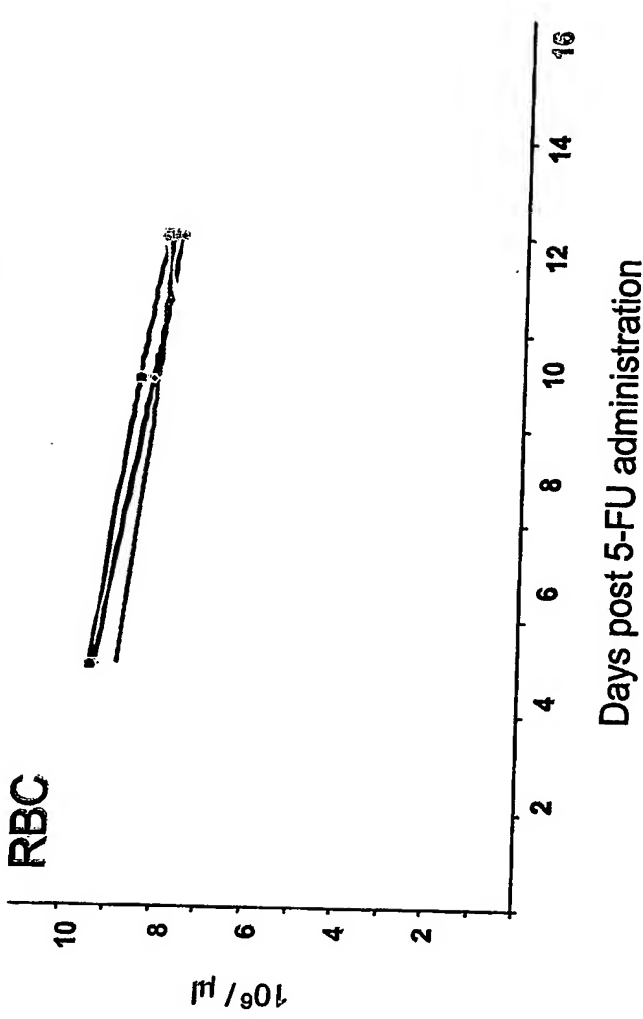
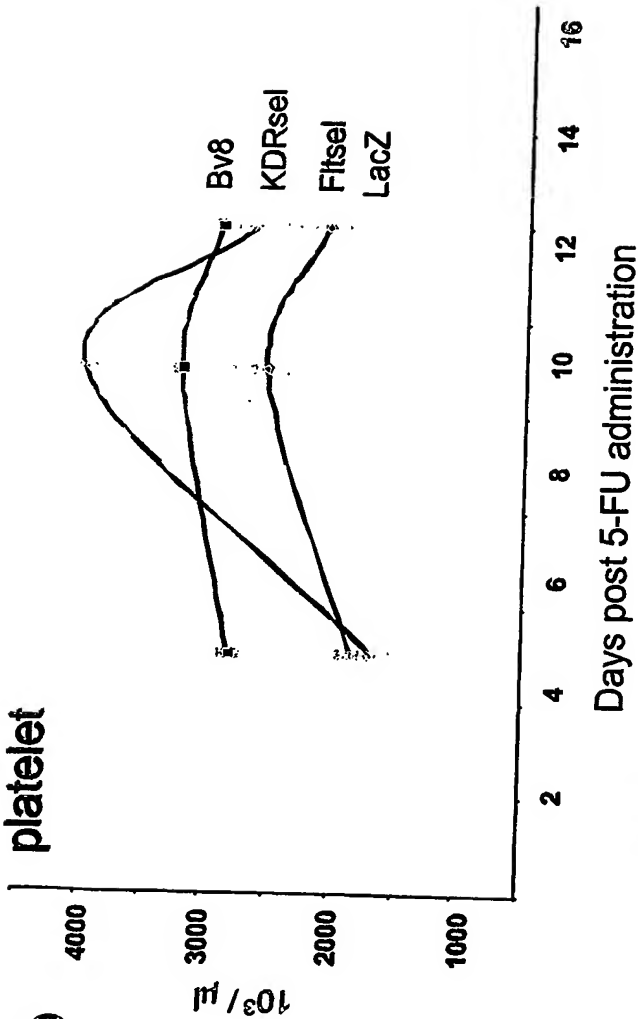


Figure 23D

Figure 23E

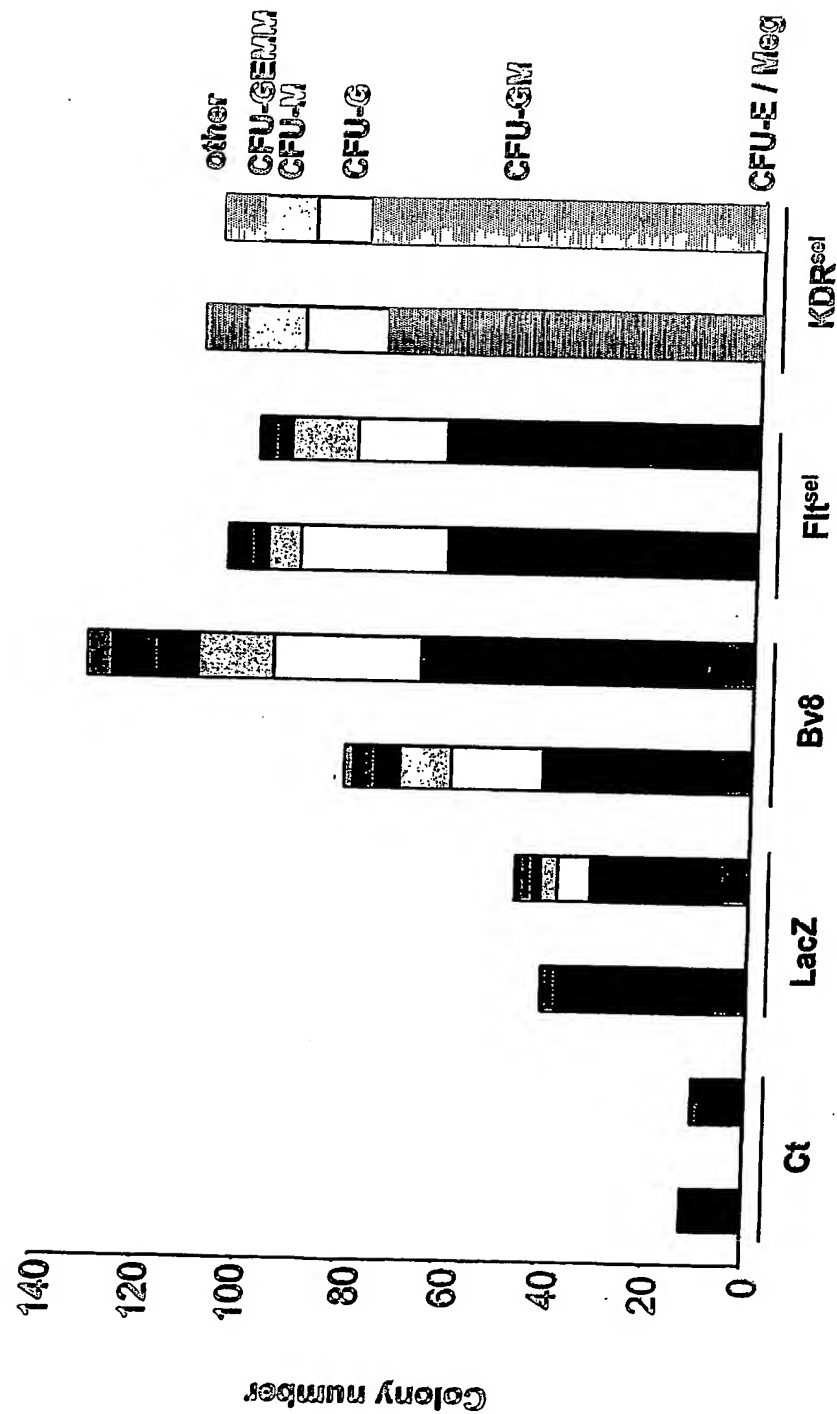


Figure 24